ANNALS OF PURE AND APPLIED LOGIC

Volume 96, Numbers 1-3, 1 March 1999

Special Volume

Festschrift

on the occasion of Professor Rohit Parikh's 60th birthday

Guest-Editors

Melvin Fitting

Konstantinos Georgatos

R. Ramanujam

Contents

Preface	1
H. Arló-Costa Belief revision conditionals: basic iterated systems	3
J. van Benthem Modality, bisimulation and interpolation in infinitary logic	29
S.R. Buss Bounded arithmetic, proof complexity and two papers of Parikh	43
A. Carbone Turning cycles into spirals	57
A.W. Collins Behaviorism and belief	75
R. Fagin, J.Y. Halpern, Y. Moses and M.Y. Vardi Common knowledge revisited	89
M. Fitting A simple propositional S5 tableau system	107
H. Gaifman Self-reference and the acyclicity of rational choice	117
K. Georgatos To preference via entrenchment	141
<i>P. Hájek</i> Ten questions and one problem on fuzzy logic	157
D. Harel and E. Singerman Computation paths logic: An expressive, yet elementary, process logic	167
J.G. Henriksen and P.S. Thiagarajan Dynamic linear time temporal logic	187

Contents

D. Leivant Ramified recurrence and computational complexity III: Higher type recurrence and elementary complexity	20
V.W. Marek, A. Nerode and J.B. Remmel Logic programs, well-orderings, and forward chaining	23
L.S. Moss Coalgebraic logic	27
V. Pratt Chu spaces from the representational viewpoint	319
P. Pudlák A note on applicability of the incompleteness theorem to human mind	33!
R. Ramanujam View-based explicit knowledge	343
Author Index	260

